

FRICTION MATERIALS STANDARDS INSTITUTE
588 MONROE TURNPIKE, MONROE, CT 06468

AUTOMOTIVE DATA BOOK BULLETIN #3-981
October 23, 1998

		FRONT FMSI NO.	SYSTEM F/R	REAR FMSI NO.
<u>BMW</u>				
1997, 328i		7649-D781** (Notes #6 & #15)	D/	
<u>CHEVROLET TRUCK</u>				
Silverado	1999	7652-D784** (Notes #9 & #18)	D/D	7653-D785** (Notes #10 & #19)
	OR	7653-D785**	D/D	7653-D785**
Tahoe Police	1999-98	7260-D370**	D/	
<u>CHRYSLER</u>				
1998, Concorde			/D	7650-D782** (Notes #7 & #16)
1998, LHS			/D	7650-D782**
<u>DODGE</u>				
1998, Intrepid			/D	7650-D782**
<u>FORD TRUCK (See Corrections)</u>				
F450, F550	1999	7644-D777** (Notes #1 & #11)	D/	
E150	1996(late)	7503-D632**	D/	
<u>GMC TRUCK</u>				
Sierra	1999	7652-D784**	D/D	7653-D785**
	OR	7653-D785**	D/D	7653-D785**
Yukon Police	1999-98	7260-D370**	D/	
<u>HONDA</u>				
1998, Passport			/N	1503-S735*
<u>MERCEDES</u>				
1998, SLK230			/D	7647-D779** (Notes #4 & #13)
<u>MERCURY</u>				
1999, Cougar		7645-D778** (Notes #2 & #12)	D/	
<u>PORSCHE (See Comments)</u>				
1998, 911 Carrera			/D	7646-D738** (Note #3)

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	FRONT FMSI NO.	SYSTEM F/R	REAR FMSI NO.
<u>PORSCHE (See Comments - cont'd)</u>			
1998, 911 Carrera 4S		/D	7646-D738**
1998, 911 Carrera 4		/D	7646-D738**
1998, 911 Carrera S		/D	7646-D738**
1998, 911 Carrera Targa		/D	7646-D738**

VOLKSWAGEN

1998, Passat 7648-D780**
(Notes #5 & #14)

VOLVO

1998, C70 7651-D783** D/D 736-D31**
(Notes #8 & #17)
1998, S70 7651-D783** D/D 736-D31**

COMMENTSExisting shoe with new lining:

<u>Shoe</u>	<u>Assembly</u>	<u>Application</u>
D738	7646-D738	1998 Porsche 911 Carrera, -4S, -4, -S & Targa Rear

CORRECTIONS

1996(late) Ford Truck E150 front listed in catalog as FMSI 7558-D679. The correct listing is 7503-D632.

DISC BRAKE LINING ASSIGNMENTS

Note #1	<u>FMSI 7644</u>	7644-D777	
7644	55.1 20.7	186.7	4 Integrally
	(2.17 .815)	7.35)	Molded
(D777)			
Ford Truck			
Note #2	<u>FMSI 7645</u>	7645-D778	
7645	53.6 19.4	110.0	4 Integrally
	(2.11 .764)	4.33)	Molded
(D778)			
Mercury			
Note #3	<u>FMSI 7646</u>	7646-D738	
7646	48.8 14.8	109.5	4 Integrally
	(1.92 .583)	4.31)	Molded
(D738)			
Porsche			
Note #4	<u>FMSI 7647</u>	7647-D779	
7647	45.4 14.2	59.9	4 Integrally
	(1.79 .559)	2.36)	Molded
(D779)			
Mercedes			

Note #5	<u>FMSI 7648</u>		7648-D780	
7648	47.5	18.6	108.0	4 Integrally
	(1.87	.732	4.25)	Molded
(D780)				
Volkswagen				

Note #6	<u>FMSI 7649</u>		7649-D781	
7649	38.4	16.6	113.8	2 Integrally
	38.4	16.8	113.8	2 Molded
	(1.51	.654	4.48)	
	(1.51	.661	4.48)	
(D781)				
BMW				

Note #7	<u>FMSI 7650</u>		7650-D782	
7650	33.5	15.6	88.0	4 Integrally
	(1.32	.614	3.46)	Molded
(D782)				
Chrysler				
Dodge				

Note #8	<u>FMSI 7651</u>		7651-D783	
7651	50.0	18.6	114.0	4 Integrally
	(1.97	.732	4.49)	Molded
(D783)				
Volvo				

Note #9	<u>FMSI 7652</u>		7652-D784	
7652	46.2	18.2	210.1	4 Integrally
	(1.82	.717	8.27)	Molded
(D784)				
Chev Truck				
GMC Truck				

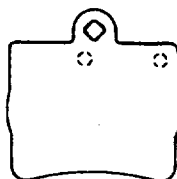
Note #10	<u>FMSI 7653</u>		7653-D785	
7653	43.2	18.4	171.2	4 Integrally
	(1.70	.724	6.74)	Molded
(D785)				
Chev Truck				
GMC Truck				

DISC BRAKE SHOE ASSIGNMENTS

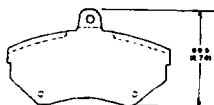
Note #11	<u>FMS D777</u>			Ford Truck
	222.0	Plate 6.1		
SHOE D777	(8.74)	(.240)		
7644				
Metal composite shim 0.8 (.031) thick staked-on				



Note #12 FMS D778 Mercury
 156.5 Plate 5.6
 SHOE D778 (6.16) (.220)
 7645
 Glue layer insulator 0.2 (.008) thick
 Two shoes have piston clip 49.3 (1.94) free diameter
 Staked-on "D" lug and electric sensor in lining



Note #13 FMS D779 Mercedes
 63.5 Plate 4.2
 SHOE D779 (2.50) (.165)
 7647
 Metal shims 0.4 (.016) thick and metal composite shims 0.7 (.028) thick

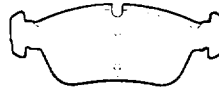


Note #14 FMS D780 Volkswagen
 117.1 Plate 4.9
 SHOE D780 (4.61) (.193)
 7648
 Retainer spring in ear with eyelet
 Metal composite insulator 0.9 (.035) thick
 Insulators wrap around ends of shoe

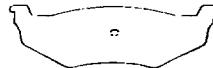


Inner -
 Note #15 FMS D781-I BMW
 150.4 Plate 5.2
 SHOE D781-I (5.92) (.205)
 7649
 Metal composite shim 0.7 (.028) thick
 Piston clip staked-on 43.2 (1.70) free diameter

Outer -



Note #15 FMS D781-O BMW
151.4 Plate 5.1
SHOE D781-O (5.96) (.201)
7649
Metal composite shim 0.7 (.028) thick



Note #16 FMS D782 Chrysler, Dodge
133.7 Plate 5.1
SHOE D782 (5.26) (.201)
7650
Two shoes have piston clip staked-on 18.5 (.73) free diameter
Two shoes have anti-rattle clip staked-on
All shoes have metal composite shims 1.0 (.039) thick

Inner -



Note #17 FMS D783-I Volvo
155.2 Plate 5.6
SHOE D783-I (6.11) (.220)
7651
Metal composite shim 0.7 (.028) thick
Piston clip staked-on 46.7 (1.84) free diameter

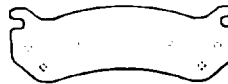
Outer -



FMS D783-O Volvo
156.5 Plate 5.6
SHOE D783-O (6.16) (.220)
7651
Metal composite shim 0.7 (.028) thick

DISC BRAKE SHOE ASSIGNMENTS (cont'd)

Note #18 FMS D784 Chev Truck, GMC Truck
 216.2 Plate 6.6
SHOE D784 (8.51) (.260)
7652
Metal composite shim 0.9 (.035) thick
Two shoes have two sensors staked-on
Two shoes have one sensor (LH,RH) staked-on



Note #19 FMS D785 Chev Truck, GMC Truck
 177.0 Plate 5.8
SHOE D785 (6.97) (.228)
7653
Two shoes have two sensors staked-on
Two shoes have one sensor (LH,RH) staked-on
Metal composite shim staked-on 0.9 (.035) thick

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